



6109 South Don Carlos Dr.  
Taylorsville, Utah 84118

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## Asbestos Inspection Report

4-16-09

State of Utah  
Michael Johnson  
SLC, Utah

RE: Asbestos inspection at the ASARCO laboratories located at 3340 South 300 West SLC, Utah. Address also listed as 700 Gladiola St. SLC, Utah.

Dear Michael,

On April 14<sup>th</sup> 2009, A-1 Environmental visited the location listed above. The purpose of this inspection is to identify all asbestos suspect materials and to assume they contain asbestos or to sample the material to see if asbestos is present. There are 2 buildings and a garage on this demolition project. The south lab, the north lab and the garage. Below is the results of there buildings.

### South Laboratory Building

This building has red bricking in front and plaster finish in back. It is T shaped. There is a basement on the west part. ( see photo ) There are 26 asbestos suspect materials. 11 samples were sent to the lab and 15 were assumed to contain asbestos. The list below is the material, the location of the material and estimated quantities. The table below is the material, estimated quantities, location of the sample taken and the % of asbestos.

MATERIAL	LOCATION	QUANTITIES
Sheetrock	Walls and ceilings on the east part center room down	6000 sq ft
Plaster	Walls, ceilings west part bearing & outer wall east part	40,000 sq ft
Ceiling tile	Drop ceiling rooms 2,3,7,8,11a&b and 12	2100 sq ft
Ceiling tile	12''x12'' in room 8,9,10 & east hall	80 sq ft
Ceiling tile	12'x12'' in rooms 13,14,15,16 and 17	3800 sq ft
Ceiling tile	12''x12'' in room 19	1000 sq ft
Mud elbows	Attic east hall & perimeter piping down & south furnace room	60 each
Pipe insulation	Attic east hall & perimeter piping down & south furnace room	800 lf
Table tops	Thru-out up rooms and center room down	800 sq ft
Outer plaster	Outer plaster/mortar on west part of building	5600 sq ft
Transite panels	On roof	10,046 sq ft
Transite sheets	The fascia of the building	350 sq ft
Transite hoods	In rooms 4,11B,	200 sq ft
Furnace tape	East hall attic	<3 sq ft
Cloth dampers	Furnace/ air handler room down	3 sq ft

ACM blanket	In hood in room 11B	12 sq ft
Glue pucks	Behind all 12"x12" ceiling tiles	4880 sq ft
Tile & mastic	Dark 9"x9" flooring in hall & rooms 2,3 & 5	1180 sq ft
Red linoleum	Floors in rooms 1,6 & 7	700 sq ft
White linoleum	Flooring in rooms 11A and north rooms of east side	2800 sq ft
Tile & mastic	White 1'x1' flooring in east side hall	1000 sq ft
Window putty	Window with putty	12 sq ft
Gaskets	Exhaust gaskets	20 each
Cove molding	Black molding on west side	500 LF
Cove molding	Grey molding on east side	600 LF
Attic Insulation	Attic	9840 sq ft

Sample #	Material	Estimated Quantities	Sample Location	% asbestos
JC-1	Sheetrock	6000 sq ft	East hall wall	ND
P-2	Plaster	40000 sq ft	West hall wall	ND
CT-3	Ceiling tile	2100 sq ft	East hall ceiling	ND
CT-4	Ceiling tile	80 sq ft	N office room	ND
CT-5	Ceiling tile	3800 sq ft	Room 14 ceiling	ND
CT-6	Ceiling tile	1000 sq ft	Room 19 ceiling	ND
EI 7	Mud elbows	60 each	Phone room south	10 %
EI-8&9	Mud elbows	60 LF	Attic & basement	Assumed
PI-10	Pipe insulation	800 sq ft	Phone room down	10%
PI-11&12	Pipe insulation	800 sq ft	Attic & basement	Assumed
TT-13	Cemented table tops	800 sq ft	Room 11 table	50%
OP-14	Mortar / plaster	5600 sq ft	Outside wall west	ND
TP-15	Transite panels	10046 sq ft	Roof	Assumed
TS-16	Transite sheeting	350 LF	Fascia of building	Assumed
TH-17	Exhaust hoods	200 sq ft	Rooms 11B & 4	Assumed
FT-18	Furnace Tape	<3 sq ft	East hall attic	Assumed
DC-19	Damper cloths	3 sq ft	Air handler room	Assumed
AB-20	ACM blankets	12 sq ft	In room 11B	Assumed
GP-21	Glue pucks	4880 sq ft	Under 1' tiles	Assumed
T&M-22	9x9 floor tile	1180 sq ft	Hall & rooms 23&5	Assumed
RL-23	Red linoleum	700 sq ft	Rooms 1,6&7	Assumed
WL-24	White linoleum	2800 sq ft	11A & east side	Assumed
WT-25	White tile and mastic	1000 sq ft	East hall area	Assumed
WP-26	Window putty	12 sq ft	All windows	Assumed
G-27	Gaskets	20 each	Exhaust systems	Assumed
CM-28	Cove molding Black	500 LF	West side	Assumed
CM-29	Cove molding Grey	600 LF	East side	Assumed
AI-30	Attic Insulation	9840 sq ft	Attic	ND

ND = Non Detected The size of the building is 9840 sq ft. The reason for this inspection is for demolition



The assumed flooring, gaskets, glue pucks, window putty and cove moldings can be left in during demolition. **The pipe insulation, mud elbows, furnace tape, asbestos blankets and cloth dampers Must be removed before demolition as friable class 1 material. The transite roof, fascia, black table tops and transite exhaust hoods must be removed before demolition. This is a class 2 material but still must be removed before demolition. All work must be done by a certified asbestos company.**

### North Laboratory Building

The north building is a red rectangular building that set on a slab. It has a asphalt roof and cement trusses. ( see photo ) There are 13 asbestos suspect material. 6 were sent to the lab for analysis and 7 were assumed to contain asbestos. The list below is all the suspect materials, location of material and estimated quantities. The table below is all materials, estimated quantities, sample location and % of asbestos.

MATERIAL	LOCATION	QUANTITIES
Plaster	All outer and bearing wall and ceilings	5000 sq ft
Sheetrock	West room west wall	100 sq ft
Ceiling tile	Drop ceiling in SW room, 2 north rooms & S center rooms	1800 sq ft
Ceiling tile	1'x1' ceiling tile in hall south and east rooms	900 sq ft
Mud elbows & small pipe	Furnace room, air handler room and attic	80 LF
Cove molding	Bottoms of walls thru-out	500 LF
White linoleum	NE and SE corner rooms	1100 sq ft
Brown linoleum	North 2 rooms	500 sq ft
Tile & mastic	1'x1' floor tile in hall and north storage room	500 sq ft
Glue pucks	Under 1x1 ceiling tiles	700 sq ft
Cloth dampers	Furnace and air handler rooms	3 sq ft
Roofing	On flat roof	5600 sq ft
Window putty	Windows	6 sq ft
Attic insulation	Attic homogeneous to the south building	5600 sq ft

Sample #	Material	Estimated Quantities	Sample Location	% asbestos
P-1	Plaster	5000 sq ft	Hall wall	ND
JC-2	Sheetrock	100 sq ft	West room wall	ND
CT-3	Ceiling tile	1800 sq ft	Hall ceiling	ND
CT-4	Ceiling tile	900 sq ft	SE room ceiling	ND
EI-5	mudded elbow	60 LF	Furnace room	12%
EI 6&7	Pipe & elbow	60 LF	Attic & air room	Assumed
DW-8	Duct wrap	440 sq ft	Furnace room duct	ND
DW-9	Duct wrap	440 sq ft	Furnace room	ND
DW-10	Duct wrap	440 sq ft	Air handler room	ND
CM-11	Cove molding	500 LF	Bottom of wall	Assumed
WL-12	White linoleum	1100 sq ft	Floors	Assumed

<u>Sample #</u>	<u>Material</u>	<u>Estimated Quantities</u>	<u>Sample Location</u>	<u>%asbestos</u>
BL-13	Brown linoleum	500 sq ft	North room floor	Assumed
T&M-14	Tile & mastic	500 sq ft	Hall	Assumed
GP-15	Glue pucks	700 sq ft	Under ceiling tile	Assumed
CD-16	Cloth dampers	3 sq ft	furnace & air room	Assumed
R-17	Roofing	5600 sq ft	Roof	Assumed
WP-18	Window putty	6 sq ft	Windows	Assumed
AI 30	Attic insulation	5600 sq ft	Attic	ND

ND = Non Detected The size of the building is 5600 sq ft. The elbows and the white pipe insulation contain amosite asbestos . The reason for this inspection is to demolish the building. The Cove molding, all floorings Glue pucks, window putty and roofing can be left in during demolition.

**The Elbows and hard pack pipe insulation is the same Class 1 friable material. It contains amosite asbestos and must be removed by a certified asbestos company**  
**The cloth dampers are also friable class 1 material and must be removed by a certified asbestos company before demolition**

### **Garage**

The building is a yellow block garage. ( see photo ) There is only 1 asbestos suspect material and it is assumed to contain asbestos. This is the roofing material. There is 800 sq ft of roofing and it is located on the roof. The size of the garage is 800 sq ft. The assumed roofing can be left in during demolition. **No asbestos abatement needed before demolition.**

Respectfully submitted,



Matthew Hernandez / Inspector

ASB # 792 A-1 Environmental # 392 SLVHD # 102

### Inaccessible areas

All areas behind or in the walls and floors. All pipes, tanks and anything else underground. Under attic insulation. Small crawl spaces. Under carpets and in any places an inspector cannot access.

Other: EAST Side ATTIC (South Lab)  
Attic NE side (North Lab)  
\_\_\_\_\_  
\_\_\_\_\_

All asbestos more than 1% is regulated by the State of Utah.

**This report is limited to accessible areas.**



South Lab





North Lab







Garage



**During demolition**

**The demo contractor must demolish the building as class 2 abatement work or remove the non friable as Class 2 work before demolition**

**Class 2 work requires 8 hr asbestos awareness training, monitoring, use of wet methods, decontamination procedures and others.**

**You can call OSHA for exact requirements**



**Abatement Contractors should  
verify quantities on there own.  
The estimated quantities are A-1 Environmental's  
best estimate only**



**SALT LAKE VALLEY HEALTH DEPARTMENT**

788 East Woodoak Lane, #120  
Murray, Utah 84107  
(801) 313-6700; (801) 313-6734 (fax)

**Predemolition Building Inspection Form**  
Residential / Business (Circle One)

**GENERAL INFORMATION**

Inspection Date: 4/14/09

Bldg. Address: 3440 S. 700 W. (South Lab)  
City: Salt Lake City

Property Owner: State of Utah  
Address: 3150 State St,  
Salt Lake City, Utah 84114

Phone: 801-538-3138

Demolition Permit Holder (if not owner):

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

**INSPECTION RESULTS**

Mercury Thermostats	Amount: 15	Condition: good
Mercury Fluorescent Lights	Amount: 760 LF	Condition: good
PCB Ballasts or Transformers	Amount: 76	Condition: good
Refrigeration Units Containing CFCs	Amount: 2	Condition: good
Containers of Liquid or Hazardous Waste (including vehicular batteries)	Amount: 294/chem	Condition: good
Suspect Asbestos-Containing Material (Sampled):	4 Batteries	
ACM Elbow & Pipe Insulation, Cloth Dampers, Furnace tape, transite		

Signature of Inspector: 

Predemolition Building Inspector (Print Name): Matt Hernandez

Regis. #: 102

**FOLLOW-UP INSPECTION RESULTS**

Date:

Inspector:

Have all identified items been removed? Yes \_\_\_\_\_ No \_\_\_\_\_ None Present \_\_\_\_\_

**Disposition of Identified Items (Disposal or Recycling Facility)**

Mercury Thermostats:

Date:

Mercury Fluorescent Lights:

Date:

PCB Ballasts/Transformers:

Date:

Refrigeration Units w/CFCs:

Date:

Containers of Liquid/Haz. Waste:

Date:

ACM:

Date:

Signature of Inspector: \_\_\_\_\_

Date:

DO NOT WRITE IN THIS SECTION - FOR DEPARTMENT USE ONLY OR INSPECTOR

Approved? Yes \_\_\_\_\_ No \_\_\_\_\_ Approved by: \_\_\_\_\_



**SALT LAKE VALLEY HEALTH DEPARTMENT**

788 East Woodoak Lane, #120  
Murray, Utah 84107  
(801) 313-6700; (801) 313-6734 (fax)

**Predemolition Building Inspection Form**  
Residential / Business (Circle One)

**GENERAL INFORMATION**

Inspection Date: 4/14/09

Bldg. Address: 3440 S. 700 W. (North Lab)  
City: Salt Lake City

Property Owner: State of Utah  
Address: 3150 State St.  
Salt Lake City, Utah 84143

Phone: 801-538-3138

Demolition Permit Holder (if not owner):

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

**INSPECTION RESULTS**

Mercury Thermostats	Amount: 8	Condition: good
Mercury Fluorescent Lights	Amount: 400 LF	Condition: good
PCB Ballasts or Transformers	Amount: 90	Condition: good
Refrigeration Units Containing CFCs	Amount: 3	Condition: good
Containers of Liquid or Hazardous Waste (including vehicular batteries)	Amount: 0	Condition:

Suspect Asbestos-Containing Material (Sampled):

ACMPipe Elbows & ACM cloth Dampers

Signature of Inspector: \_\_\_\_\_

Predemolition Building Inspector (Print Name): MATT HERNANDEZ

Regis. #: 102

**FOLLOW-UP INSPECTION RESULTS**

Date: \_\_\_\_\_

Inspector: \_\_\_\_\_

Have all identified items been removed? Yes \_\_\_\_\_ No \_\_\_\_\_ None Present \_\_\_\_\_

**Disposition of Identified Items (Disposal or Recycling Facility)**

Mercury Thermostats:	Date:
Mercury Fluorescent Lights:	Date:
PCB Ballasts/Transformers:	Date:
Refrigeration Units w/CFCs:	Date:
Containers of Liquid/Haz. Waste:	Date:
ACM:	Date:

Signature of Inspector: \_\_\_\_\_

Date: \_\_\_\_\_

DO NOT WRITE IN THIS SECTION - FOR DEPARTMENT USE ONLY OR INSPECTOR

Approved? Yes \_\_\_\_\_ No \_\_\_\_\_ Approved by: \_\_\_\_\_